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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		No.	7647-000025				
First Inventor Dav		Dav	id W. Smithey et al.				
Title	FLEXIBLE TUBE ARRANGEMENT-HEAT EXCHANGER DESIGN						
Everage Mail Label No.		al Ala	EL 000040750UD				

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. | EL 623310758US Mail Stop Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 2. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 Specification [Total Pages 28 a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention \boxtimes i. CD-ROM or CD-R (2 copies); or Specification - Cross References to Related Applications filed in English ii. 🔲 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention - Brief Summary of the Invention 9. 🛛 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement Power of 10. 🔲 - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. English Translation Document (if applicable) 4. 🔯 Drawing(s) (35 U.S.C.113) [Total Sheets 11 12. 🔲 Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages | 2 13. 🔲 Preliminary Amendment a. Newly executed (original or copy) 14. 🔯 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Request and Non Publication under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 27572 or \square Correspondence address below (Insert Customer No. or Attach bar code label here) Harness, Dickey & Pierce, P.L.C. Name P.O. Box 828 Address City **Bloomfield Hills** State MI 48303 Zip Code Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Jeffrey H. Urian Registration No. (Attorney/Agent) 46,232 Signature October 30, 2003 Date



PTO/SB/17 (01-03)
Approved for use through 10/31/2002. OMB 0651-0032
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FEE TO A NOMITTAL	Complete if Known				
FEE TRANSMITTAL	Application Number	To be assigned			
for FY 2004	Filing Date	Herewith			
Cotoot foca are subject to annual revision	First Named Inventor	David W. Smithey et al.			
Patent fees are subject to annual revision.	Examiner Name	To be assigned			
Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit	To be assigned			
TOTAL AMOUNT OF PAYMENT (\$) 990	Attorney Docket No.	7647-000025			

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METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
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Number				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
Deposit Account Hamess, Dickey & Pierce, P.L.C.				1053	130	1053	130	Non-English specification		
				1812	2,520	1812	2,520	For filing a request for reexamination		
Name				1804	920°	1804	920*	Requesting publication of SIR prior to		
The Commissioner is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☑ Credit any overpayments ☑ Charge any additional fee(s) during the pendency of this application				1805	1,840*	1805	1,840*	Examiner action Requesting publication of SIR after Examiner action		
		ow, except for the		1251	110	2251	55			
to the above-iden	tified deposit	account.		1252	420	2252	210	Extension for reply within first month		
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1. BASIC FII	ING FEE			1253	950	2253	475	Extension for reply within third month		
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description	•	1254	1,480	2254	740	Extension for reply within fourth month		
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	2001 385	Utility filing fee	770	1401	330	2401	165	Notice of Appeal		
1002 340	2002 170	Design filing fee		1402	330	2402	165	Filing a brief in support of an appeal		
	2003 265	Plant filing fee		1403	290	2403	145	Request for oral hearing		
1004 770	2004 385	Reissue filing fe		1451	1,510	1451	1,510	Petition to institute a public use		
1005 160	2005 80	Provisional filling	g fee	1452	110	2452	55	Petition to revive – unavoidable		
,	SUBTO	TAI (1)	(\$) 770	1453	1,330	2453	665	Petition to revive – unintentional	-	
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2. EXTRA CLAIN	/ FEES			1502	480	2502	240	Design issue fee		
			Fee from Fee	1503	640	2503	320	Plant issue fee		
Total Claims 30	-20 **	Claims b	pelow Paid 18 = 180	1460	130	1460	130	Petitions to the Commissioner	\vdash	
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Multiple Dependent		× [= 0	8021	40	8021	40	Recording each patent assignment per property (times number of	40	
Large Entity Fee Fee	Small En							properties)		
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1202 18 1201 86		9 Claims in e: 43 Independer	xcess of 20 nt claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		
1203 290	2203	145 Multiple der	pendent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)		
1204 86	2204	43 ** Reissue i original pate	independent claims over ent	1802	900	1802	900	Request for expedited examination		
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		SUBTOTAL (2)	(\$) 180		10	**				
				-Hed	uced by B	asic Filin	g Fee P	aid SUBTOTAL (3) (\$) 40		
**or number prev	/iously paid, i	f greater; For Reis	sues, see above							

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	Jeffrey H. Urian	Registration No. Attorney/Agent)	46,232	Telephone	(248) 641-1600		
Signature	SH)~ <u>·</u>		Date	October 30, 2003		